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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Covering material for liquid substances and product heaps consisting of

an inert carrier material that is combined with an active additive and a hydrophobising additives, wherein the ~~inert carrier material contains~~ active additive comprises pH-value-reducing substances or substance mixtures being inorganic or organic acids and/or salts thereof, or substances which are convertible to acids through micro organisms or enzymes, and

optionally a membrane residing beneath the covering material.

2. (Currently Amended) Covering material according to Claim 1, wherein the active additive comprises acids and/or salts are contained thereof.

3. (Currently Amended) Covering material according to Claim ~~1~~2, wherein the active additive comprises an inorganic and/or organic acids, and and/or salts are contained thereof.

4. (Currently Amended) Covering material according to Claim ~~1~~2, wherein the active additive comprises lactic acid and/or its salts thereof are contained.

5. (Currently Amended) Covering material according to Claim 1, wherein the active additive comprises substances which are convertible substances are contained to acids through micro organisms or enzymes.

6. (Currently Amended) Covering material according to Claim ~~1~~5, wherein

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substances which are convertible having comprise a sugar and/or a carbohydrates are contained.

7. (canceled).

8. (Currently Amended) Covering material according to Claim 15, wherein the substances which are convertible comprise glucose, saccharose, or molasses are contained.

9. (Currently Amended) Covering material according to Claim 12, wherein the membrane is present, and wherein the carrier materials ~~containing the active substances are combined with~~ resides on top of the membranes ~~foils which are predominantly, and the membrane is permeable for hydrogen-ions only but not for residual ions from the acid or acid salt.~~

10. (Currently Amended) Method for the production of covering material according to Claim 1, ~~wherein comprising the steps of, mixing~~ the inert carrier material is ~~mixed with active additives and, following this, is thereafter subjected~~ subjecting the carrier material to a hydrophobising treatment.

11. (Original) Method for the production of covering material according to Claim 10, wherein the active additives are fixed on the surface of the inert carrier material.

12. (Previously Presented) Method for the production of covering material according to Claim 10, wherein the inert carrier material is heated before mixing and/or fixation with active additives.

13. (Previously Presented) Method for the production of covering material according to Claim 10, wherein the inert carrier material is heated to a temperature between 100 and 700°C before the input of active additives.

14. (Currently Amended) Method for the production of covering material according to Claim 10, wherein stearates, and silicane emulsions ~~or other hydrophobic substances~~ are applied as hydrophobising agents for the hydrophobising treatment.

15. (Currently Amended) Method for the production of covering material according to Claim 10, wherein, between the covering material and an emittent, a membrane foil is placed which is predominantly permeable for hydrogen-ions but not for residual ions from the acid or acid saltenly.

16. (new) Method for controlling odors in an emittent, comprising the steps of:  
preparing a covering material by mixing an inert carrier material with an active additive comprising pH-value-reducing substances or substance mixtures and thereafter subjecting the carrier material to a hydrophobising treatment,  
covering the emittent with a membrane which is permeable for hydrogen ions but not for residual ions from the active additive, and  
applying the covering material on top of the membrane.

17. (new) The method of claim 16, wherein the covering material is applied in a layer of about 6-8 cm.

18. (new) The method of claim 16, wherein the emittent is a product heap of at least 30 cm in depth

19. (new) The method of claim 16, wherein the covering material remains on top of the emittent for at least 10 days.

20. (new) The covering material according to claim 1, wherein the hydrophobising additive is a silicane or stearate emulsion.